

2 Wheeler Battery Operated Vehicle (BOV)

CMVR Type Approval - Vehicle level Tests

Sr. No.	Tests	CMV Rule No.	Reference Standard
VEHICLE EVALUATION LAB TESTS			
1	Photographs	---	ARAI Procedure
2	Vehicle weighment	95	IS : 11825
3	CMVR physical verification	93 to 125	CMVR, 1989
4	Coast down test **	115	IS:14785
5	Brake test	96 (4)	IS : 14664
6	ABS TEST OR CBS TEST(If net power<=11KW)	96 (4B)	IS:14664
7	Speedometer calibration	117 (1) (2)	IS:11827
8	Pass by noise measurement	120 (2)	IS : 3028
9	Tell-Tales and Indicators	124 (18)	AIS : 126
10	Gradeability	124 (23)	AIS : 003
11	Definitions (Classification of the Vehicle)	GSR 784 2 (ii)	AIS : 053
12	Vehicle identification number including month and year of mfr.	122(1)	AIS : 065
SAFETY AND HOMOLOGATION LAB TESTS			
13	Horn Installation	119(1)	IS:15796
14	Rear View Mirror Installation	125(2)	AIS : 002
15	Installation requirements for Lighting & Signaling devices	124(24)	AIS : 009
16	Pillion hand hold test	123	IS 14495
17	Protective Device against unauthorised use	124 (44)	AIS : 074
18	AHO TEST	124 (1)	GSR 188
19	Spray Suppression system	124 (48)	AIS : 103
AUTOMOTIVE ELECTRONICS DEPARTMENT TESTS			
20	Electromagnetic compatibility of motor vehicle	124 (21) (ii)	AIS-004 (Part 3)
21	Range test	124 (1) 28	AIS : 040
22	Measurement of Max power and 30 min power	124 (1) 29	AIS : 041
23	Water Effect Test	124(1)26 (a)	AIS : 038
24	Constructional , Functional Safety tests	124(1)26 (a)	AIS : 038
25	Measurement of Electric Energy test	124 (1) 27	AIS : 039
26	Electric shock test (if voltage is greater than 48 V)	124(1)26 (a)	AIS : 038
27	Traction batteries used in battery operated vehicles	124 (49)	AIS : 048
Note :			
**	Manufacturer's option		